

**SYSTEM AND METHOD FOR PROVIDING BLACK WHITE  
IMAGE COMPRESSION**

**ABSTRACT OF THE INVENTION**

A compression system and method for compressing a bitonal image. A system is disclosed that comprises: a scaling system for geometrically scaling the bitonal image such that transition and isolated attributes are preserved, wherein the scaling system reduces contiguous sets of original pixels down to fewer scaled pixels; and an encoding system that encodes the scaled bitonal image using an industry standard format.